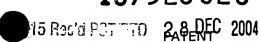
MAT-8645US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

To Be Assigned

Applicant:

Y. Nakagawa et al.

Filed:

Herewith

Title:

TRANSMITTING APPARATUS, RECEIVING APPARATUS, RADIO

COMMUNICATION METHOD AND RADIO COMMUNICATION SYSTEM

TC/A.U.: Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

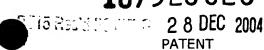
Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

References JP 2002-152191, JP 2000-156892 and JP 2003-273856 are not in the English language, but an English abstract is attached to each copy of the reference submitted herewith, and were also cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

MAT-8645US



This Information Disclosure Statement is being filed concurrently with the abovereferenced application.

Respectfully submitted

Lawrence E. Ashery, Reg. No. 34,51! Attorney for Applicants

LEA/dlm

Enclosures: PTO Form 1449

(3) References Search Report

Dated: December 28, 2004

P.O. Box 980 Valley Forge, PA 19482 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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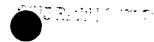
Date of Deposit:

December 28, 2004

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Loby

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known				
Application Number	To Be Assigned	10/520028		
Filing Date	Herewith	*O/JEUULU		
First Named Inventor	Y. Nakagawa et al.			
Art Unit				
Examiner Name				
Attorney Docket No.	MAT-8645US			

U.S. PATENT DOCUMENTS					
		Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Cite No.1	Number - Kind Code ^{2 (if known)}			
		US-			
-		US-			
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FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Cite Initials* No.	No. ¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	T6
		JP 2002-152191 (w/English abstract)	5/24/2002	Matsushita Electric Ind Co Ltd		
		JP 2000-156892 (w/English abstract)	6/6/2000	Alcatel		
		JP 2003-273856 (w/English abstract)	9/26/2003	Communication Research Laboratory)		
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04.

³Enter Office that Issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(AW 08/03)

Substitute for Form 1449B/PTO	Complete if Known			
	Application Number	To Be Assigned		
INFORMATION DISCLOSURE	Filing Date	Herewith		
STATEMENT BY APPLICANT	First Named Inventor	Y. Nakagawa et al.		
(Use as many sheets as necessary)	Art Unit			
	Examiner Name			
SHEET 2 of 2	Attorney Docket No.	MAT-8645US		

NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
		International Search Report corresponding to application no. PCT/JP03/11688 dated December 24, 2003.		
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	L		1	
Examiner Signature		Date Considered		

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'Applicant's unique citation designation number (optional).

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